

ABSTRACT AMENDMENTS

Rewrite the abstract as follows:

An apparatus and a method for involuntary reflectory exercises for therapeutic effect on patient's extremities comprising a container and massaging elements in the form of spherical bodies with projections manufactured as stimulants of extremity sensory endings of different modality are disclosed. The method includes placement of patient's extremity into the above indicated container and driving into motion the massaging elements. The projections of the massaging elements provide multiple stimulation of external and/or internal surface of the extremity placed into the container.

Technical result consists in a multiple reproduction for therapeutic purpose of involuntary reflectory movements of extremities, which are natural (physiologically significant). The invention allows for restoration of voluntary movements in patients with cerebral palsy through training the physiologic mechanism of conjugated inhibition of the muscles antagonists functioning in involuntary reflectory movement of extremity.

A therapy apparatus includes a container having an interior volume and having an opening providing access to the interior volume and massaging elements freely located in the interior volume of the container. Each massaging element has a generally spherical exterior and has multiple protrusions projecting from its generally spherical exterior. A patient's hand may be inserted into the container through the opening and be moved among the massaging elements to be stimulated by massaging elements contacting the fingers and both the front and the back of the hand.